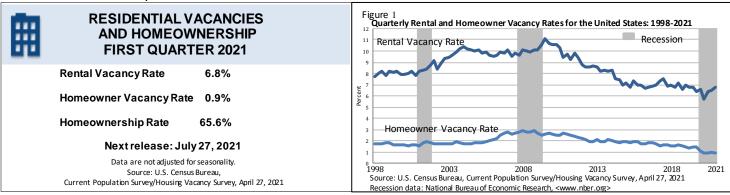
# QUARTERLY RESIDENTIAL VACANCIES AND HOMEOWNERSHIP, FIRST QUARTER 2021

Release Number: CB21-56

**Announcement:** Due to the coronavirus pandemic (COVID-19), data collection operations for the CPS/HVS were affected during the first quarter of 2021, though to a much lesser extent than previous quarters, as in-person interviews were allowed for 98 percent of the country. The remaining interviews were conducted over the telephone. If the Field Representative was unable to get contact information on the sample unit, the unit was made a Type A noninterview (no one home, refusal, etc). We are unable to determine the extent to which this data collection change affected our estimates. See the FAQ for more information.

**April 27, 2021** — The U.S. Census Bureau announced the following residential vacancies and homeownership statistics for the first quarter 2021:



National vacancy rates in the first quarter 2021 were 6.8 percent for rental housing and 0.9 percent for homeowner housing. The rental vacancy rate of 6.8 percent was not statistically different from the rate in the first quarter 2020 (6.6 percent) and 0.3 percentage points higher than the rate in the fourth quarter 2020 (6.5 percent). The homeowner vacancy rate of 0.9 percent was 0.2 percentage points lower than the rate in the first quarter 2020 (1.1 percent) and 0.1 percentage points lower than the rate in the fourth quarter 2020 (1.0 percent).

The homeownership rate of 65.6 percent was not statistically different from the rate in the first quarter 2020 (65.3 percent) and not statistically different from the rate in the fourth quarter 2020 (65.8 percent).

Table 1. Rental and Homeowner Vacancy Rates for the United States: 2018 to 2021

		Rental Vacancy	/Rate (percent	)	Homeowner Vacancy Rate (percent)				
Year	First	Second	Third	Fourth	First	Second	Third	Fourth	
	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	
2021	6.8				0.9				
2020	6.6	5.7	6.4	6.5	1.1	0.9	0.9	1.0	
2019	7.0	6.8	6.8	6.4	1.4	1.3	1.4	1.4	
2018	7.0	6.8	7.1	6.6	1.5	1.5	1.6	1.5	

All comparative statements in this report have undergone statistical testing, and unless otherwise noted, all comparisons are statistically significant at the 90 percent significance level. For an explanation of how the rates are calculated, please see the Explanatory Notes at the end of the press release. Explanations of confidence intervals and sampling variability can be found on the CPS/HVS website at: <a href="https://www.census.gov/housing/hvs">www.census.gov/housing/hvs</a> Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

#### **Data Inquiries**

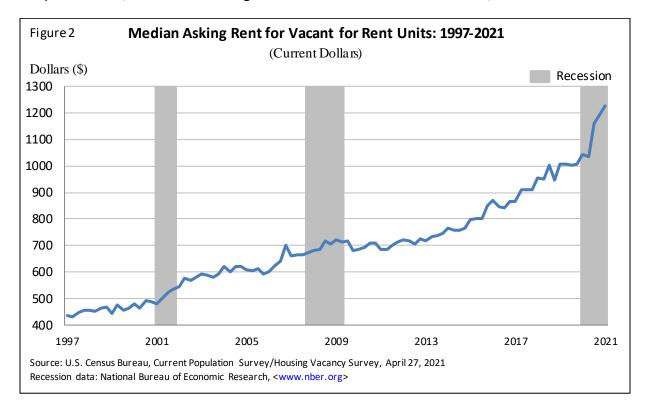
Media Inquiries

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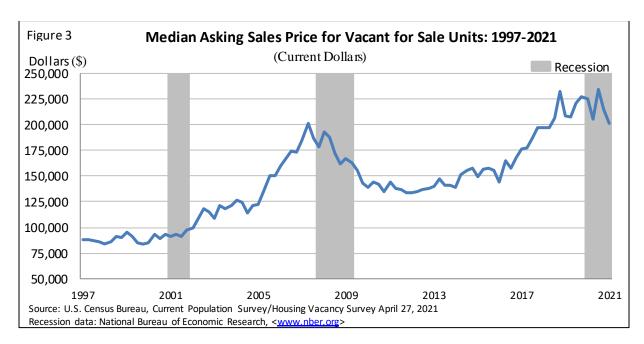
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In the first quarter 2021, the median asking rent for vacant for rent units was \$1,226.



In the first quarter 2021, the median asking sales price for vacant for sale units was \$200,900.



- 1. Median asking rent and median asking sales price data for vacant units can be found in Historical Table 11A/B at < www.census.gov/housing/hvs/data/histtabs>
- 2. The data in figures 2 and 3 are not adjusted for price changes.

### **Data Inquiries**





The rental vacancy rate in principal cities (7.3 percent) was higher than the rate in the suburbs (5.8 percent). The rate outside MSAs (7.7 percent) was higher than both the rates inside MSAs (6.7 percent) and in the suburbs. The rate in principal cities was not statistically different from the rate outside MSAs. The rate in principal cities was higher than the first quarter 2020 rate, the rate outside MSAs was lower than the first quarter 2020 rate, but the rate in the suburbs was not statistically different from the first quarter 2020 rate.

The homeowner vacancy rate in principal cities (1.0 percent) was higher than the rate in the suburbs (0.8 percent) but virtually the same as the rate outside MSAs (1.0 percent). The rate outside MSAs was not statistically different from both the rates inside MSA and in the suburbs. The rates in all areas were lower than the first quarter 2020 rates.

The rental vacancy rate was lowest in the West (4.9 percent). The rate in the Midwest (7.9 percent) was higher than the rate in the Northeast (6.8 percent), while the rate in the South (7.5 percent) was not statistically different from the rates in the Northeast and Midwest. The rates in the Northeast and West were higher than their first quarter 2020 rates. The rate in the South was lower than the first quarter 2020 rate. The rate in the Midwest was not statistically different from the first quarter 2020 rate.

The homeowner vacancy rate was highest in the South (1.1 percent). The rate in the West (0.8 percent) was virtually the same as the rate in the Midwest (0.8 percent). The rate in the West was higher than the rate in the Northeast (0.6 percent), but the rate in the Midwest was not statistically different from the rate in the Northeast. The rates in the Northeast and South were lower than the first quarter 2020 rates, while the rates in the Midwest and West were not statically different from the first quarter 2020.

Table 2. Rental and Homeowner Vacancy Rates by Area and Region: First Quarter 2020 and 2021

	Re	ntal Vacancy	Rates (perce	nt)	Home	eowner Vacar	ncy Rates (pe	rcent)
Area/Region	First	First	Margins	of Error <sup>a</sup>	First	First	Margins	of Error <sup>a</sup>
	Quarter	Quarter	of	of	Quarter	Quarter	of	of
	2020*	2021	2021 rate	difference	2020	2021	2021 rate	difference
United States	6.6	6.8	0.2	0.3	1.1	0.9	0.1	0.1
Inside Metropolitan								
Statistical Areas	6.3	6.7	0.3	0.3	1.1	0.9	0.1	0.1
In principal cities Not in principal	6.4	7.3	0.4	0.5	1.3	1.0	0.2	0.2
cities (suburbs) Outside Metropolitan	6.2	5.8	0.4	0.5	1.0	0.8	0.1	0.1
Statistical Areas	9.1	7.7	0.9	1.0	1.3	1.0	0.2	0.2
Northeast	5.5	6.8	0.6	0.8	1.0	0.6	0.1	0.2
Midwest	7.1	7.9	0.8	1.0	0.9	0.8	0.1	0.2
South	8.6	7.5	0.4	0.6	1.4	1.1	0.1	0.2
West	4.1	4.9	0.4	0.6	1.0	0.8	0.1	0.2

<sup>&</sup>lt;sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

**Data Inquiries** 

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<sup>\*</sup>Due to a weighting error corrected after publication, first quarter 2020 estimates may differ by 0.1 percentage points from the originally published numbers. Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

Approximately 89.0 percent of the housing units in the United States in the first quarter 2021 were occupied and 11.0 percent were vacant. Owner-occupied housing units made up 58.3 percent of total housing units, while renter-occupied units made up 30.6 percent of the inventory in the first quarter 2021. Vacant year-round units comprised 8.4 percent of total housing units, while 2.7 percent were vacant for seasonal use. Approximately 2.2 percent of the total units were vacant for rent, 0.5 percent were vacant for sale only and 0.7 percent were rented or sold but not yet occupied. Vacant units that were held off market comprised 4.9 percent of the total housing stock – 1.4 percent were for occasional use, 0.9 percent were temporarily occupied by persons with usual residence elsewhere (URE) and 2.7 percent were vacant for a variety of other reasons.

Table 3. Estimates of the Total Housing Inventory for the United States: First Quarter 2020 and 2021<sup>a</sup>

(Estimates are in thousands, estimates may not add to total due to rounding)

	First	First	Difference	Margins	of Error <sup>b</sup>	Percent of	
Type	Quarter	Quarter	Between	of 2021	of	total	
	2020 (r)	2021	Estimates	estimate	difference	(2021)	
All housing units	140,365	141,533	1,168	X	Х	100.0	
Occupied	124,391	125,944	1,553	258	340	89.0	
Owner	81,258	82,578	1,320	493	680	58.3	
Renter	43,133	43,366	233	574	776	30.6	
Vacant	15,975	15,590	-385	335	426	11.0	
Year-round	12,310	11,835	-475	293	354	8.4	
For rent	3,060	3,179	119	119	157	2.2	
For sale only	934	735	-199	56	75	0.5	
Rented or Sold	836	940	104	57	73	0.7	
Held off Market	7,480	6,981	-499	231	278	4.9	
For Occ'l Use	2,094	1,973	-121	160	177	1.4	
Temp Occ by URE	1,364	1,225	-139	121	147	0.9	
Other <sup>c</sup>	4,021	3,783	-238	149	185	2.7	
Seasonal	3,665	3,754	89	225	244	2.7	

<sup>&</sup>lt;sup>a</sup>The housing inventory estimates are benchmarked to the 2010 Census.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

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<sup>&</sup>lt;sup>b</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

<sup>&#</sup>x27;A detailed breakdown of the 'other' vacant category can be found in Historical Table 18 < www.census.gov/housing/hvs/data/histtabs>

<sup>(</sup>r) Revised using vintage 2019 housing unit controls. See note below.

X Not Applicable. Since the number of housing units is set equal to an independent national measure, there is no sampling error, and hence no confidence interval.

<sup>1.</sup> Since first quarter 2003, the Current Population Survey/Housing Vacancy Survey estimates have been controlled to an independent set of housing unit estimates produced annually by the Census Bureau's Population Division from Census 2000 and 2010 and updated using building permit data, estimates of housing loss, and other administrative record data. Doing so makes the CPS/HVS estimates of housing units more comparable to other Census Bureau housing surveys controlled to these census-based estimates. The housing unit controls affect the estimate of vacant units in the sense that the estimates of total occupied and vacant units sum to the control total. Vacancy *rates* and homeownership *rates* are not affected by this change.

<sup>2.</sup> Beginning in the second quarter 2020, the housing inventory estimates are based on vintage 2019 housing unit controls that are projected forward through the current quarter 2020. The first quarter 2021 housing inventory estimates, shown above, reflect vintage 2019 housing unit controls, benchmarked to the 2010 Census. The CPS/HVS historical table series, from the first quarter 2010 through the second quarter 2020, has also been revised based on vintage 2019 housing unit controls. These revised estimates and additional information on terms and definitions can be found at: <a href="https://www.census.gov/housing/hvs/data/histtabs">www.census.gov/housing/hvs/data/histtabs</a>>

<sup>3.</sup> For the methodology used in developing the housing unit estimates used for controls in the CPS/HVS, please see the Census Bureau's Population Division website: <a href="https://www.census.gov/programs-surveys/popest.html">www.census.gov/programs-surveys/popest.html</a>>

The homeownership rate of 65.6 percent was not statistically different from the rate in the first quarter 2021 (65.3 percent) and not statistically different from the rate in the fourth quarter 2020 (65.8 percent).

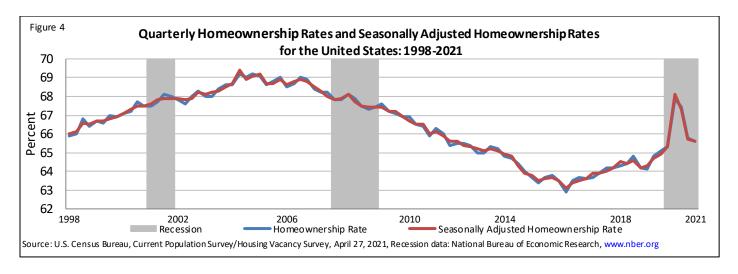


Table 4. Homeownership Rates for the United States: 2000 to 2021

Table 4. nome	o to menoning ma			meownership	Rates (percei	nt)		
Year	First Q	uarter		Quarter		Quarter	Fourth	Quarter
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE <sup>a</sup>
2021	65.6	0.5						
2020	65.3	0.5	67.9	0.5	67.4	0.5	65.8	0.5
2019	64.2	0.5	64.1	0.5	64.8	0.5	65.1	0.5
2018	64.2	0.5	64.3	0.5	64.4	0.5	64.8	0.5
2017	63.6	0.5	63.7	0.5	63.9	0.5	64.2	0.5
2016	63.5	0.5	62.9	0.5	63.5	0.5	63.7	0.5
2015	63.7	0.5	63.4	0.5	63.7	0.5	63.8	0.5
2014	64.8	0.5	64.7	0.5	64.4	0.5	64.0	0.5
2013	65.0	0.5	65.0	0.5	65.3	0.5	65.2	0.5
2012	65.4	0.5	65.5	0.5	65.5	0.5	65.4	0.5
2011	66.4	0.5	65.9	0.5	66.3	0.5	66.0	0.5
2010	67.1	0.5	66.9	0.5	66.9	0.5	66.5	0.5
2009	67.3	0.5	67.4	0.5	67.6	0.5	67.2	0.5
2008	67.8	0.5	68.1	0.5	67.9	0.5	67.5	0.5
2007	68.4	0.5	68.2	0.5	68.2	0.5	67.8	0.5
2006	68.5	0.5	68.7	0.5	69.0	0.5	68.9	0.5
2005	69.1	0.5	68.6	0.5	68.8	0.5	69.0	0.5
2004	68.6	0.3	69.2	0.2	69.0	0.2	69.2	0.3
2003	68.0	0.3	68.0	0.3	68.4	0.3	68.6	0.3
2002b	67.8	0.3	67.6	0.3	68.0	0.3	68.3	0.3
2001	67.5	0.3	67.7	0.3	68.1	0.3	68.0	0.3
2000	67.1	0.3	67.2	0.3	67.7	0.3	67.5	0.3

<sup>&</sup>lt;sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval. <sup>b</sup>Revised in 2002 to incorporate information collected in Census 2000. Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

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Table 4SA shows the seasonally adjusted homeownership rates for the United States, from 2000 through the first quarter 2021. (Research has shown that seasonality for homeownership rates is present.) When adjusted for seasonal variation, the first quarter 2021 homeownership rate was not statistically different from the rate in the first quarter 2020 or the rate in the fourth quarter 2020.

Table 4SA. Homeownership Rates for the United States: 2000 to 2021, Seasonally Adjusted<sup>a</sup>

			Homeowner	ship Rates (pe	rcent), Season	allyAdjusted		
Year	First Q	uarter	Second	Quarter	Third C	Quarter	Fourth	Quarter
	Rate	MOEb	Rate	MOEb	Rate	MOEb	Rate	MOEb
2021	65.6	0.5						
2020	65.3	0.5	68.1	0.5	67.3	0.5	65.7	0.5
2019	64.2	0.5	64.3	0.5	64.7	0.5	64.9	0.5
2018	64.2	0.5	64.5	0.5	64.4	0.5	64.6	0.5
2017	63.6	0.5	63.9	0.5	63.9	0.5	64.0	0.5
2016	63.5	0.5	63.1	0.5	63.4	0.5	63.5	0.5
2015	63.8	0.5	63.5	0.5	63.6	0.5	63.7	0.5
2014	64.9	0.5	64.8	0.5	64.3	0.5	63.9	0.5
2013	65.2	0.5	65.1	0.5	65.2	0.5	65.1	0.5
2012	65.6 66.5	0.5 0.5	65.6 66.0	0.5 0.5	65.4 66.1	0.5 0.5	65.3 65.9	0.5
2011 2010	67.2	0.5	66.9	0.5	66.7	0.5	66.5	0.5 0.5
2010	07.2	0.5	00.9	0.5	00.7	0.5	00.5	0.5
2009	67.4	0.5	67.4	0.5	67.4	0.5	67.2	0.5
2008	67.9	0.5	68.1	0.5	67.7	0.5	67.5	0.5
2007	68.5	0.5	68.3	0.5	68.0	0.5	67.8	0.5
2006	68.6	0.5	68.8	0.5	68.9	0.5	68.8	0.5
2005	69.2	0.5	68.7	0.5	68.7	0.5	68.9	0.5
2224								
2004	68.7	0.2	69.4	0.1	68.9	0.1	69.1	0.2
2003	68.1	0.2	68.2	0.2	68.3	0.2	68.5	0.2
2002° 2001	67.9 67.6	0.2 0.2	67.8 67.8	0.2 0.2	67.9 67.9	0.2 0.2	68.2 67.9	0.2 0.2
2001	67.6	0.2	67.8	0.2	67.5	0.2	67.9 67.5	0.2
2000	07.1	0.2	07.3	0.2	07.5	0.2	07.5	0.2

<sup>&</sup>lt;sup>a</sup>As new quarterly data are input, previous quarters' seasonally adjusted homeownership rates may change.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

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<sup>&</sup>lt;sup>b</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

<sup>&</sup>lt;sup>c</sup>Revised in 2002 to incorporate information collected in Census 2000.

The first quarter 2021 homeownership rate was highest in the Midwest (70.3 percent), followed by the South (67.4 percent), Northeast (63.1 percent), and West (59.7 percent). The homeownership rate in the Midwest was higher than the rate in the first quarter 2020, while the rates in the Northeast, South, and West were not statistically different.

Table 5. Homeownership Rates for the United States and Regions: 2016 to 2021

Table 3. Homeown					neownershi		cent)			
Year/Quarter	United	States	Nortl	heast	Mid	west	So	uth	W	est
	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE
2021										
First Quarter	65.6	0.5	63.1	0.7	70.3	0.6	67.4	0.5	59.7	0.7
2020										
Fourth Quarter	65.8	0.5	62.6	0.7	70.8	0.6	67.7	0.5	60.4	0.7
Third Quarter	67.4	0.5	62.0	0.7	71.2	0.6	70.8	0.5	62.1	0.7
Second Quarter	67.9	0.5	63.3	0.7	71.4	0.6	71.1	0.5	62.6	0.7
First Quarter	65.3	0.5	62.4	0.7	69.2	0.6	67.6	0.5	60.1	0.7
2010										
2019	65.4	0.5	62.2	0.7	60.5	0.6	66.7	0.5	60.2	0.7
Fourth Quarter	65.1	0.5	62.3	0.7	69.5	0.6	66.7	0.5	60.3	0.7
Third Quarter	64.8	0.5	61.7	0.7	69.0	0.6	66.2	0.6	60.6	0.7
Second Quarter	64.1	0.5	61.2	0.7	68.0	0.6	66.0	0.6	59.3	0.7
First Quarter	64.2	0.5	60.7	0.8	68.2	0.6	66.2	0.6	59.8	0.7
2018										
Fourth Quarter	64.8	0.5	61.3	0.8	69.3	0.6	66.0	0.6	60.9	0.7
Third Quarter	64.4	0.5	61.5	0.8	69.0	0.6	65.4	0.6	60.2	0.7
Second Quarter	64.3	0.5	61.3	0.8	68.3	0.6	65.9	0.6	59.7	0.7
First Quarter	64.2	0.5	60.5	0.8	67.9	0.7	66.3	0.6	59.7 59.7	0.7
i ii st Quai tei	04.2	0.5	00.5	0.0	07.5	0.7	00.5	0.0	33.7	0.7
2017										
Fourth Quarter	64.2	0.5	60.6	0.8	68.7	0.6	65.8	0.6	60.0	0.7
Third Quarter	63.9	0.5	60.4	0.8	69.1	0.6	65.5	0.6	58.9	0.7
Second Quarter	63.7	0.5	60.4	0.8	68.0	0.7	65.5	0.6	58.9	0.7
First Quarter	63.6	0.5	60.6	0.8	67.6	0.7	65.4	0.6	59.0	0.7
•										
2016										
Fourth Quarter	63.7	0.5	60.4	0.9	68.4	1.0	65.3	0.9	59.0	1.1
Third Quarter	63.5	0.5	60.8	0.9	68.6	1.0	65.0	0.9	58.2	1.1
Second Quarter	62.9	0.5	59.2	0.9	67.7	1.0	64.8	0.9	57.9	1.1
First Quarter	63.5	0.5	60.4	0.9	68.9	1.0	64.8	0.9	58.7	1.1

<sup>&</sup>lt;sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

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The first quarter 2021 homeownership rate was highest for those householders aged 65 years and over (79.3 percent) and lowest for those householders under 35 years of age (38.1 percent). The first quarter 2021 rates of all age groups were not statistically different from the rates in first quarter 2020.

Table 6. Homeownership Rates by Age of Householder: 2016 to 2021

Year/Quarter United States  Rate MOE		35 years	35 to 4	Avoore						
Rate MOE	Rate		35 to 44 years		45 to 54 years		55 to 64 years		65 years and over	
		MOE	Rate	MOE	Rate	MOE	Rate	MOE	Rate	MOE <sup>a</sup>
2021										
First Quarter 65.6 0.5	38.1	0.7	62.0	0.7	69.4	0.7	75.7	0.7	79.3	0.5
2020										
Fourth Quarter 65.8 0.5		0.7	61.0	0.7	69.8	0.7	76.0	0.6	80.2	0.5
Third Quarter 67.4 0.5		0.8	63.9	0.7	72.0	0.7	76.4	0.6	80.7	0.5
Second Quarter 67.9 0.5 First Quarter 65.3 0.5		0.8 0.7	64.3 61.5	0.7 0.8	72.2 70.3	0.7 0.7	77.4 76.3	0.6 0.6	80.4 78.7	0.5 0.5
First Quarter 65.5 0.5	37.3	0.7	01.5	0.8	70.3	0.7	70.3	0.6	/6./	0.5
2019										
Fourth Quarter 65.1 0.5	37.6	0.7	60.4	0.8	70.6	0.7	75.6	0.7	79.0	0.5
Third Quarter 64.8 0.5	37.5	0.7	60.3	0.8	70.1	0.7	75.1	0.7	78.9	0.5
Second Quarter 64.1 0.5	36.4	0.7	59.4	0.8	70.1	0.7	74.8	0.7	78.0	0.5
First Quarter 64.2 0.5	35.4	0.7	60.3	0.8	69.5	0.7	75.4	0.7	78.5	0.5
2018	26.5	0.7	64.4	0.0	70.4	0.7	75.5	0.7	70.0	0.5
Fourth Quarter 64.8 0.5 Third Quarter 64.4 0.5		0.7 0.7	61.1 59.5	0.8 0.8	70.1 69.7	0.7 0.7	75.5 75.6	0.7 0.7	78.8 78.6	0.5 0.5
Third Quarter 64.4 0.5 Second Quarter 64.3 0.5		0.7	60.0	0.8	70.6	0.7	75.6 75.1	0.7	78.0 78.0	0.5
First Quarter 64.2 0.5		0.7	59.8	0.8	70.0	0.7	75.1 75.4	0.7	78.5 78.5	0.5
1113t Quarter 04.2 0.5	33.3	0.7	33.0	0.0	70.0	0.7	75.4	0.7	76.5	0.5
2017										
Fourth Quarter 64.2 0.5	36.0	0.7	58.9	0.8	69.5	0.7	75.3	0.7	79.2	0.5
Third Quarter 63.9 0.5	35.6	0.7	59.3	0.8	69.1	0.7	75.0	0.7	78.9	0.5
Second Quarter 63.7 0.5		0.7	58.8	8.0	69.3	0.7	75.4	0.7	78.2	0.6
First Quarter 63.6 0.5	34.3	0.7	59.0	8.0	69.4	0.7	75.6	0.7	78.6	0.5
2016										
Fourth Quarter 63.7 0.5	34.7	0.8	58.7	1.0	69.8	0.9	74.8	0.6	79.5	0.7
Third Quarter 63.5 0.5		0.8	58.4	1.0	69.1	0.9	74.8	0.6	79.0	0.7
Second Quarter 62.9 0.5		0.8	58.3	1.0	69.1	0.9	74.7	0.6	77.9	0.7
First Quarter 63.5 0.5		0.8	58.9	1.0	69.2	0.9	75.7	0.6	78.8	0.7

<sup>&</sup>lt;sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

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For homeownership rates by race, the first quarter 2021 homeownership rate for non-Hispanic White Alone householders reporting a single race was highest at 73.8 percent. The rate for Asian, Native Hawaiian and Pacific Islander Alone householders was second at 59.6 percent and the rate for Black Alone householders was lowest at 45.1 percent. The homeownership rate for Black Alone householders was higher than the rate in the first quarter 2020 while all other categories were not statistically different.

Table 7. Homeownership Rates by Race and Ethnicity of Householder: 2017 to 2021

	Homeownership Rates (percent)												
								All Othe	r Races				
	Uni	United		ispanic	Bla	nck			Asian, Native,		Hispanic		
Year/Quarter	States		White Alone		Alone		Totala		Hawaiian and		(of any race)		
	otates		vince / tione							Pacific Islander Alone		(or arry race)	
	Data	MOEb	Data	MOEb	Rate	MOEb	Data	MOEb		MOE <sup>b</sup>	Rate	MOEb	
2021	Rate	IVIOE	Rate	IVIOE	Rate	IVIOE	Rate	IVIOE	Rate	IVIUE	Rate	IVIOE	
First Quarter	65.6	0.5	73.8	0.4	45.1	0.9	57.1	1.1	59.6	1.3	49.3	0.9	
rii si Quai tei	03.0	0.5	73.0	0.4	43.1	0.5	37.1	1.1	33.0	1.5	43.3	0.5	
2020													
Fourth Quarter	65.8	0.5	74.5	0.4	44.1	0.9	56.3	1.1	59.5	1.3	49.1	0.9	
Third Quarter	67.4	0.5	75.8	0.4	46.4	0.9	58.0	1.1	61.0	1.3	50.9	0.9	
Second Quarter	67.9	0.5	76.0	0.4	47.0	0.9	59.3	1.1	61.4	1.3	51.4	0.9	
First Quarter	65.3	0.5	73.7	0.4	44.0	0.9	55.9	1.1	59.1	1.3	48.9	0.9	
2019													
Fourth Quarter	65.1	0.5	73.7	0.4	44.0	0.9	55.7	1.1	57.6	1.3	48.1	0.9	
Third Quarter	64.8	0.5	73.4	0.4	42.7	0.9	56.0	1.1	58.5	1.3	47.8	0.9	
Second Quarter	64.1	0.5	73.1	0.4	40.6	0.9	55.0	1.1	57.7	1.3	46.6	0.9	
First Quarter	64.2	0.5	73.2	0.4	41.1	0.9	53.9	1.1	56.9	1.3	47.4	0.9	
2018													
Fourth Quarter	64.8	0.5	73.6	0.4	42.9	0.9	55.6	1.1	58.1	1.3	46.9	0.9	
Third Quarter	64.4	0.5	73.0	0.4	42.9	0.9	56.6	1.1	58.2	1.3	46.3	0.9	
Second Quarter	64.3	0.5	72.9	0.4	41.7	0.9	55.7	1.1	58.0	1.3	46.6	1.0	
First Quarter	64.2	0.5	72.3	0.4	42.2	0.9	54.8	1.1	57.3	1.4	48.4	1.0	
i ii st Quai tei	04.2	0.5	72.4	0.4	72.2	0.5	34.0	1.1	37.3	1.4	70.7	1.0	
2017													
Fourth Quarter	64.2	0.5	72.7	0.4	42.1	0.9	55.4	1.1	58.2	1.4	46.6	1.0	
Third Quarter	63.9	0.5	72.5	0.4	42.0	0.9	54.7	1.2	57.1	1.4	46.1	1.0	
Second Quarter	63.7	0.5	72.2	0.4	42.3	0.9	54.3	1.2	56.5	1.4	45.5	1.0	
First Quarter	63.6	0.5	71.8	0.4	42.7	0.9	53.6	1.1	56.8	1.4	46.6	1.0	

<sup>&</sup>lt;sup>a</sup>Includes people who reported Asian, Native Hawaiian or Other Pacific Islander, or American Indian or Alaska Native regardless of whether they reported any other race, as well as all other combinations of two or more races.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

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<sup>&</sup>lt;sup>b</sup>A margin of error is a measure of an estimate's variability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

The first quarter 2021 homeownership rate for households with family income greater than or equal to the median family income (79.4 percent) was not statistically different from the first quarter 2020 rate (78.8 percent). The rate for those households with family income less than the median family income (51.7 percent) was not statistically different from the first quarter 2020 rate (51.8 percent).

Table 8. Homeownership Rates by Family Income: 2016 to 2021

	Homeownership Rates (percent)											
Year/Quarter	United	States	greater than or e	th family income qual to the median ncome <sup>a</sup>	Households with family income less than the median family income <sup>a</sup>							
	Rate	MOEb	Rate	MOEb	Rate	MOEb						
2024												
2021 First Quarter	65.6	0.5	79.4	0.5	51.7	0.6						
riisi Quartei	05.0	0.5	79.4	0.5	51./	0.6						
2020												
Fourth Quarter	65.8	0.5	79.4	0.5	52.3	0.6						
Third Quarter	67.4	0.5	80.2	0.4	54.7	0.6						
Second Quarter	67.9	0.5	80.5	0.4	55.2	0.6						
First Quarter	65.3	0.5	78.8	0.5	51.8	0.6						
2010												
2019 Fourth Quarter	65.1	0.5	78.8	0.5	51.4	0.6						
Third Quarter	64.8	0.5	78.7 78.7	0.5	50.9	0.6						
Second Quarter	64.1	0.5	78.2	0.5	50.0	0.6						
First Quarter	64.2	0.5	78.0	0.5	50.5	0.6						
•												
2018												
Fourth Quarter	64.8	0.5	78.9	0.5	50.7	0.6						
Third Quarter	64.4	0.5	78.2	0.5	50.5	0.6						
Second Quarter	64.3	0.5	78.3	0.5 0.5	50.2	0.6						
First Quarter	64.2	0.5	78.3	0.5	50.0	0.6						
2017												
Fourth Quarter	64.2	0.5	78.2	0.5	50.2	0.6						
Third Quarter	63.9	0.5	78.4	0.5	49.5	0.6						
Second Quarter	63.7	0.5	77.9	0.5	49.5	0.6						
First Quarter	63.6	0.5	77.9	0.5	49.3	0.6						
2046												
2016	C2 7	0.5	70.0	0.4	40.5	0.0						
Fourth Quarter Third Quarter	63.7 63.5	0.5 0.5	78.0 77.8	0.4 0.4	49.5 49.2	0.6 0.6						
Second Quarter	62.9	0.5	77.8 77.8	0.4	49.2	0.6						
First Quarter	63.5	0.5	78.1	0.5	48.9	0.5						
		3.0		2.0	1							

<sup>&</sup>lt;sup>a</sup>Based on family or primary individual income.

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<sup>&</sup>lt;sup>b</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, April 27, 2021.

The second quarter 2021 data are scheduled for release on July 27, 2021. View the full schedule in the Economic Briefing Room: <a href="https://census.gov/economic-indicators/">https://census.gov/economic-indicators/</a>>. More details can be found at <a href="https://census.gov/housing/hvs">www.census.gov/housing/hvs</a>.

# Note: Impacts of the coronavirus (COVID-19) pandemic on Housing Vacancies and Homeownership data collection for the First Quarter 2021

On March 20, 2020, the Census Bureau suspended in-person interviews, and this continued through June 2020. Beginning in July 2020, parts of the country began reopening for personal interviewing. Personal interviewing was allowed for 97 percent of sample cases in January 2021, 97 percent of sample cases in February, and 99 percent of sample cases in March. The Census Bureau continued to conduct the remaining CPS/HVS interviews by telephone and made efforts to collect telephone interviews for households and vacant units that would normally have been personal interviews. Households are in the survey's sample for a total of 8 months, meaning that Field Representatives attempt to interview someone in the household each of those 8 months. Generally, households entering the sample for their first month and fifth month are interviewed through a personal visit. Interviews for other months could also be conducted by phone under certain conditions. For a full explanation of the CPS sampling scheme, see: <a href="https://www.census.gov/programs-surveys/cps/technical-documentation/methodology.html">https://www.census.gov/programs-surveys/cps/technical-documentation/methodology.html</a>

Data are generally collected the week of the 19<sup>th</sup> and the reference period is the time of interview. The response rate was 78 percent for January, 78 percent for February, and 77 percent for March 2021. For comparison, the average response rate for January, February, and March 2020 was 79 percent.

The estimation methodology was not changed in response to the coronavirus pandemic. The lower response rate is addressed by the weights. We likely cannot fully understand or quantify the effects of the pandemic on the CPS/HVS data and estimates. This note is intended only to document the changes to data collection operations made in response to the coronavirus pandemic.

## **EXPLANATORY NOTES**

The estimates in this release are based on a sample survey and therefore are subject to both sampling and non-sampling error. Sampling error is a result of not surveying the entire population. Non-sampling error occurs because accurate information cannot always be obtained.

The sample estimate and its standard error enable one to construct a margin of error. A margin of error is a measure of an estimate's reliability. The larger a margin of error is in relation to the size of the estimate, the less reliable the estimate. For example, the standard error on the estimated rental vacancy rate of 6.8 percent is 0.150 percentage points. The margin of error, at the 90 percent confidence interval, is calculated as 1.645 x 0.150 percent, or 0.247 percentage points. Thus, the 90 percent confidence interval is from 6.6 percent to 7.0 percent. If all possible samples were surveyed under essentially the same general conditions and the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the margins of error would include the average result of all possible samples. In the first quarter 2017, the parameters used to calculate standard errors for rates and estimates were updated. The factors are evaluated, and updated if necessary, after approximately 15 months of data have been collected from a new Current Population Survey/Housing Vacancy Survey (CPS/HVS) sample following a

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decennial census. The current sample has been fully phased-in since July 2015.

Since the first quarter 2003, the CPS/HVS housing inventory estimates have been controlled to independent housing unit estimates based upon Census 2000 (2000-2009 data) and Census 2010 (2010-present data) and updated with building permit data, estimates of housing loss, and other administrative records data. In the second quarter 2020, the CPS/HVS revised the series of housing inventory estimates back to the first quarter 2010, based on the latest series of independent housing controls, the vintage 2019 time series. Housing inventory estimates from the second quarter 2000 through the fourth quarter 2009 are revised based on the vintage 2010 time series. Housing inventory estimates prior to the second quarter 2000 have not been revised. The CPS/HVS housing inventory data series are based on the independently produced vintage 2019 housing unit estimates that are projected forward through the first quarter 2021. The vintage 2019 estimates are benchmarked to the 2010 Census. The same general procedure will be followed each year in revising housing inventory estimates with the most up-to-date independent housing estimates available.

For an explanation of the methodology used in producing the housing inventory independent estimates, please see:<<u>www.census.gov/programs-surveys/popest.html</u>>

Note: This time series is by the latest "vintage" year. For example, vintage 2019 means that all of the estimates in this time series are identified as belonging to "vintage 2019." The 2010 data are from the 2019 vintage, the 2011 data are from the 2019 vintage, and so on.

The CPS/HVS also began computing first-stage factors (used for weighting purposes) based on year-round and seasonal counts of housing units from Census 2000 for the first quarter 2003. From 1980 to 2002, the CPS/HVS first-stage factors were based on year-round estimates only. The effect on the data is slight and the change should improve the counts of year-round and seasonal units. For more information on the effects of these changes, please see the Source and Accuracy Statement at:

<www.census.gov/housing/hvs/files/qtr121/source\_21q1.pdf>

Beginning in the first quarter 2012, the population controls reflect the results of the 2010 Decennial Census. This change has virtually no effect on vacancy and homeownership rates. Research has shown that the new 2010-based controls increased the rental vacancy rate in April 2010 from 10.43 percent to 10.45 percent - a difference of less than 1/10 of one percent. The homeowner vacancy rate remained the same at 2.63 percent, while the homeownership rate was up from 66.67 percent to 66.74 percent.

The question on race on the CPS was modified beginning in the first quarter 2003 to comply with new standards for federal statistical agencies. Respondents are now allowed to report one or more races. The question on Hispanic origin is asked separately, and is asked before the question on race.

First-stage factors for year-round vacant units have been corrected as of the second quarter 2004. Research has shown that this correction had no significant effect on the vacancy rates or homeownership rates. The rental vacancy rate is the proportion of the rental inventory that is vacant for rent. In tables 1 and 2, the rates are computed using the following formula.

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$$Rental\ Vacancy\ Rate\ (\%) = \left[\begin{array}{c} Vacant\ year-round\\ units\ for\ rent\\ \hline \begin{pmatrix} Renter\\ occupied\\ units \end{pmatrix} + \begin{pmatrix} Vacant\ year-round\\ units\ rented\ but\\ awaiting\ occupancy \end{pmatrix} + \begin{pmatrix} Vacant\ year-round\\ units\ for\ rent \end{pmatrix} \right] *\ 100$$

The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant for sale. In tables 1 and 2 the rates are computed using the following formula.

$$Homeowner\ Vacancy\ Rate\ (\%) = \left[\begin{array}{c} Vacant\ year-round\\ units\ for\ sale\ only\\ \hline \left(\begin{matrix} Owner\\ occupied\\ units \end{matrix}\right) + \left(\begin{matrix} Vacant\ year-round\\ units\ sold\ but\\ awaiting\ occupancy \end{matrix}\right) + \left(\begin{matrix} Vacant\ year-round\\ units\ for\ sale\ only \end{matrix}\right) \end{array}\right] *\ 100$$

The homeownership rate is the proportion of households that is owner-occupied. It is computed by dividing the number of households that are occupied by owners by the total number of occupied households (tables 4, 4SA and 5).

Homeonwership Rate (%) = 
$$\left[\begin{array}{c} \textit{Owner occupied housing units} \\ \hline \textit{Total Occupied housing units} \end{array}\right] * 100$$

For the homeownership rate for a specific characteristic (tables 6, 7 and 8), use the owner and total number of units for that characteristic. For example, for the West region:

$$\textit{Homeonwership Rate (West) (\%)} = \left[ \begin{array}{c} \textit{Owner occupied housing units (West)} \\ \hline \textit{Total Occupied housing units (West)} \end{array} \right] * 100$$

### **RESOURCES**

### API

The Census Bureau's application programming interface, available at < <u>www.census.gov/developers/</u>>, lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

### FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App < <a href="https://fred.stlouisfed.org/fred-mobile/">https://fred.stlouisfed.org/fred-mobile/</a> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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